AD-A228 578

TECHNICAL REPORT

DTIC FILE COPY

For The

Cargo Movement Operations System (CMOS)

Final System Segment Design Document
Increment II, (Change 02)

7 November 1990

Prepared under

Contract Number F11624-88-D-0001/6K12
CDRL #A004-76

Prepared for

Standard Systems Center (SSC)
Deputy Chief of Staff for Acquisition
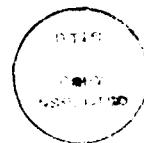Cargo Movement Operations System Division
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SECTION I.

INTRODUCTION.

The purpose of this Technical Report is to review the
Final System Segment Design Document (SSDD), Increment II,
(Change 02), CDRL A002-07, which was produced for the
Government by Evaluation Research Corporation. The results
are provided in the form of Data Item Discrepancy worksheets
as requested by the CMOS Program Office.

SUMMARY.

We completed a preliminary review of the Final SSDD. Noted
deficiencies are contained in the attached worksheets. Due
to the non-availability of an updated Requirements
Traceability Matrix (RTM), we were unable to complete a more
thorough analysis of the SSDD. We will, however, accomplish
such an analysis upon delivery of the next RTM; this is
expected to occur on 8 Nov 90. The results of these efforts
will be provided under separate cover and furnished to the
Program Office on or before 13 Nov 90.

CONCLUSION. Not Used.

SECTION II.

RESULTS.

Our preliminary analysis is provided in the following Data
Item Discrepancy worksheets:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A002-07   DATE: 11/07/90

ORIGINATOR NAME: Patrick L. Combs   OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X   EDITORIAL:

PAGE NUMBER: 33   PARA NUMBER: Table 4.1.3a, b

COMMENT OR RECOMMENDED CHANGE:

Add a 3.5 inch floppy, as well as a LAN Interface Transceiver, to the HWCI
Component Listing.

RATIONALE:

These components are present in the description of the functional work
station in the SSS dated 18 Oct 90, paragraph 3.2.4.4.1. At present, the
documents are in conflict with each other.

CMOS PMO ACCEPTS COMMENT: YES [ ] NO [ ]

ERCI ACCEPTS COMMENT: YES [ ]   NO [ ]

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [ ] CLOSED [ ]

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A002-07   DATE: 11/07/90

ORIGINATOR NAME: Patrick L. Combs   OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X   EDITORIAL:

PAGE NUMBER: 40   PARA NUMBER: N/A

COMMENT OR RECOMMENDED CHANGE:

Add the proper descriptions of the subordinate SC to SC15, Air Passenger
Service; SC16, Transportation Plans and Programs; and SC17, Command and
Control.

RATIONALE:

These descriptions are necessary for accuracy and clarity.

CMOS PMO ACCEPTS COMMENT: YES [ ] NO [ ]

ERCI ACCEPTS COMMENT: YES [ ] NO [ ]

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [ ] CLOSED [ ]

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A002-07   DATE: 11/07/90

ORIGINATOR NAME: Patrick L. Combs   OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X   EDITORIAL:

PAGE NUMBER: 56   PARA NUMBER: 4.4.2.1

COMMENT OR RECOMMENDED CHANGE:

Add "CH3214 ORACLE to UNIX Interface".

RATIONALE:

The interface listing between Host Processor and System Environment in the
SSR Presentation Material, dated 31 Oct 90, should correspond with the
SSDD dated 18 Oct 90.

CMOS PMO ACCEPTS COMMENT: YES [ ] NO [ ]

ERCI ACCEPTS COMMENT: YES [ ] NO [ ]

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [ ] CLOSED [ ]

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A002-07   DATE: 11/07/90

ORIGINATOR NAME: Patrick L. Combs   OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X   EDITORIAL:

PAGE NUMBER: 57   PARA NUMBER: 4.4.22

COMMENT OR RECOMMENDED CHANGE:

Add "CH3311 ORACLE to MS-DOS Interface".

RATIONALE:

In the SSR Presentation Material, dated 31 Oct 90, CH3311 appears under
the "System Environment to PC Workstation" interface. This should be
inserted to ensure accuracy and clarity.

CMOS PMO ACCEPTS COMMENT: YES [ ] NO [ ]

ERCI ACCEPTS COMMENT: YES [ ] NO [ ]

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [ ] CLOSED [ ]

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A002-07

DATE: 11/07/90

ORIGINATOR NAME: Patrick L. Combs

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X   EDITORIAL:

PAGE NUMBER: D-72   PARA NUMBER: SS2111

COMMENT OR RECOMMENDED CHANGE:

In all SCs where SS2111 appears, delete "as a minimum" and "Rail, Truck" under "Load Planning".

RATIONALE:

Compliance with ECP 3011ECP*005.06.

CMOS PMO ACCEPTS COMMENT: YES [ ] NO [ ]

ERCI ACCEPTS COMMENT: YES [ ] NO [ ]

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [ ] CLOSED [ ]

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A002-07   DATE: 11/07/90

ORIGINATOR NAME: Patrick L. Combs   OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X   EDITORIAL:

PAGE NUMBER: D-88   PARA NUMBER: SS2094

COMMENT OR RECOMMENDED CHANGE:

Move the last three sentences to the top of the shall statement.

RATIONALE:

Was inadvertently placed at the end of the shall statement.

CMOS PMO ACCEPTS COMMENT: YES [ ] NO [ ]

ERCI ACCEPTS COMMENT: YES [ ] NO [ ]

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [ ] CLOSED [ ]

ORIGINATOR CONTROL NUMBER: SSDD-0007
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A002-07   DATE: 11/07/90

ORIGINATOR NAME: Patrick L. Combs   OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X   EDITORIAL:

PAGE NUMBER: D-89   PARA NUMBER: SS2240

COMMENT OR RECOMMENDED CHANGE:

Change the shall statement reference to 3.2.1.2.5-3; also, insert the
words "Passenger and" after the word "receive" in the first sentence.

RATIONALE:

This shall statement doesn't coincide with the SSS dated 18 Oct 90.
Change is needed for consistency.

CMOS PMO ACCEPTS COMMENT: YES [ ] NO [ ]

ERCI ACCEPTS COMMENT: YES [ ]   NO [ ]

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [ ] CLOSED [ ]

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A002-07   DATE: 11/07/90

ORIGINATOR NAME: Patrick L. Combs   OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X   EDITORIAL:

PAGE NUMBER: D-89   PARA NUMBER: SS2250

COMMENT OR RECOMMENDED CHANGE:

Change "CMOS" to "CALM" in the first sentence.

RATIONALE:

Is inconsistent with the SSS dated 18 Oct 90.

CMOS PMO ACCEPTS COMMENT: YES [ ]   NO [ ]

ERCI ACCEPTS COMMENT: YES [ ]   NO [ ]

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [ ]   CLOSED [ ]

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A002-07   DATE: 11/07/90

ORIGINATOR NAME: Patrick L. Combs   OFFICE SYMBOL: SAIC

TELEPHONE NUMFER: 272-2999

SUBSTANTIVE: X   EDITORIAL:

PAGE NUMBER: D-107 - 117   PARA NUMBER: N/A

COMMENT OR RECOMMENDED CHANGE:

Delete the referenced pages.

RATIONALE:

These pages were inadvertently duplicated and are not needed.

CMOS PMO ACCEPTS COMMENT: YES [ ]   NO [ ]

ERCI ACCEPTS COMMENT: YES [ ]   NO [ ]

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [ ]   CLOSED [ ]